

Datasheet for ABIN4966097
anti-APEX1 antibody



[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	APEX1
Reactivity:	Chlamydomonas reinhardtii
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-conjugated synthetic peptide derived from Chlamydomonas reinhardtii APX sequence, UniProt: O49822
Predicted Reactivity:	Coccomyxa subellipsoidea C-169, Micromonas pusilla (strain CCMP1545) , Ostreococcus lucimarinus (strain CCE9901), Ulva fasciata, Volvox carteri

Target Details

Target:	APEX1
Alternative Name:	Ascorbate peroxidase (APX) (APEX1 Products)
Background:	APX plays a key role in plant antioxidant system by reducing hydrogen peroxide to water.
Molecular Weight:	35 kDa
UniProt:	O49822
Pathways:	DNA Damage Repair , Chromatin Binding , Cell RedoxHomeostasis , Smooth Muscle Cell Migration , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	1: 9000 with ECL (WB)
Comment:	no confirmed exceptions from predicted reactivity are currently known
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL of sterile water
Storage:	-20 °C
Storage Comment:	store lyophilized/reconstituted at -20°C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.